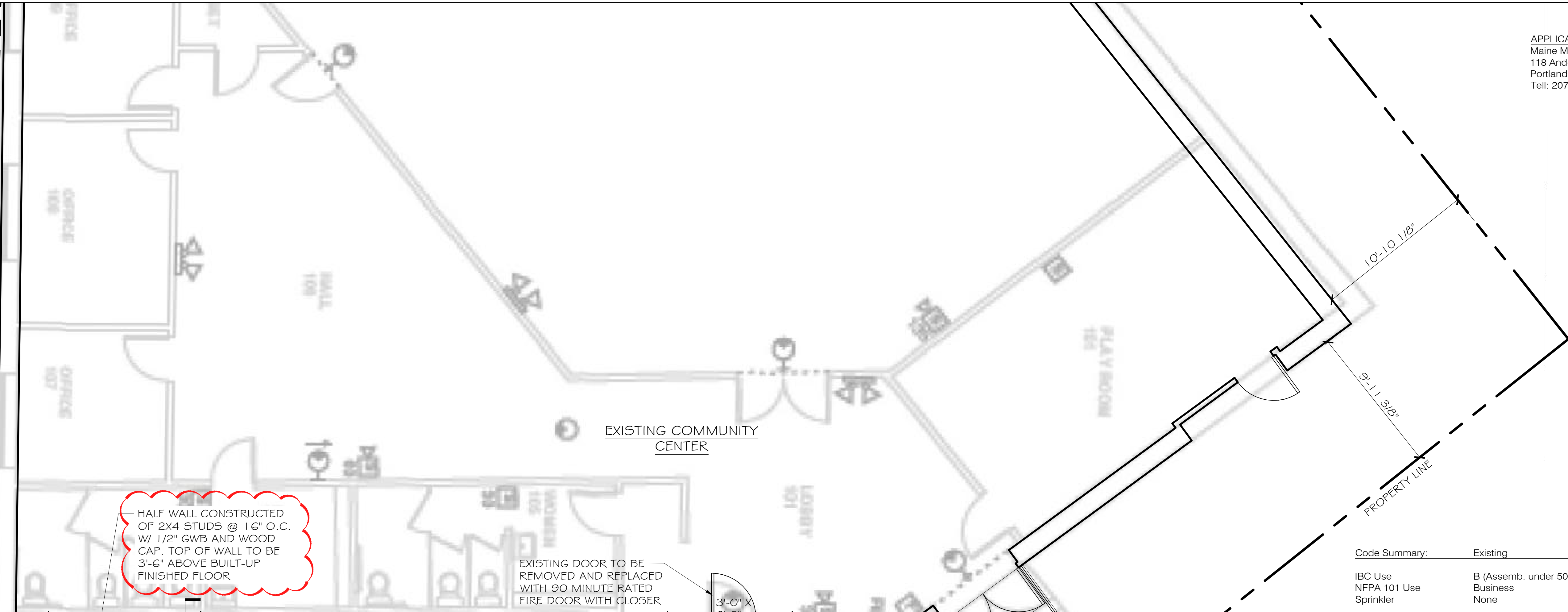


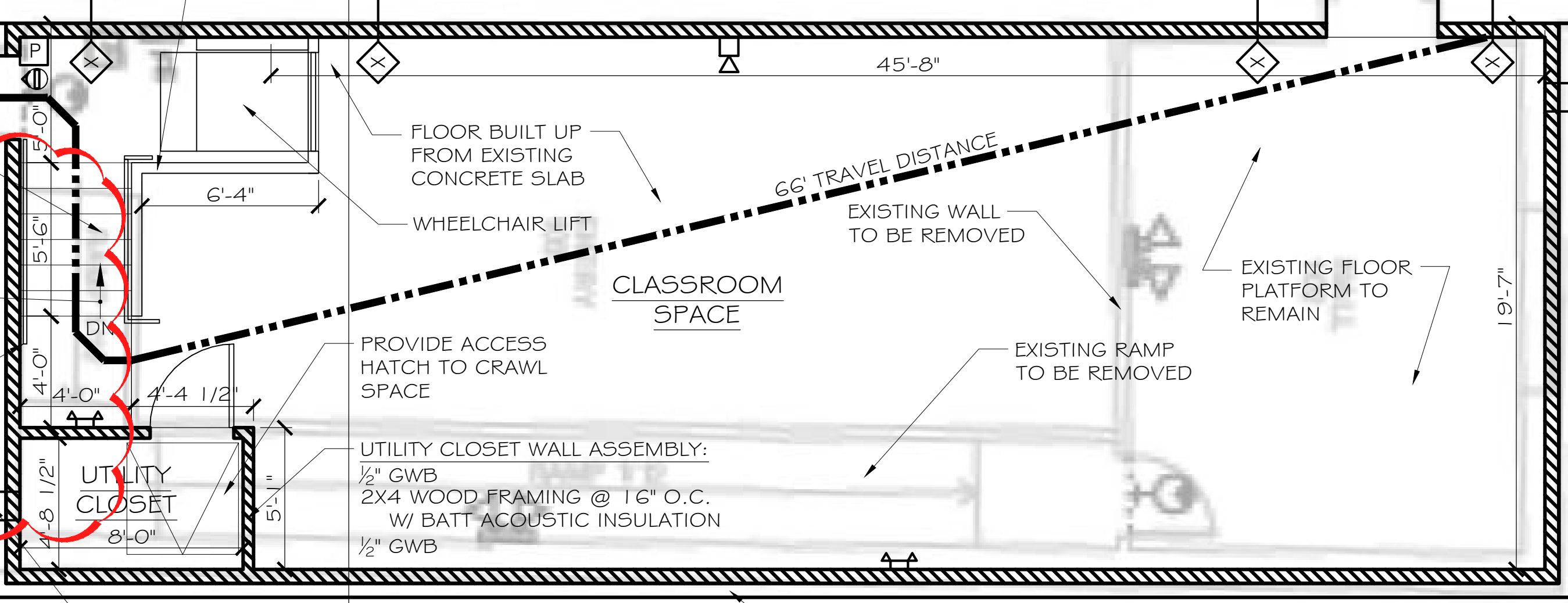
APPLICANT
 Maine Muslim Community Center
 118 Anderson Street,
 Portland, Maine 04101
 Tell: 207-797-6626



HALF WALL CONSTRUCTED OF 2X4 STUDS @ 16\" O.C. W/ 1/2\" GWB AND WOOD CAP. TOP OF WALL TO BE 3'-6\" ABOVE BUILT-UP FINISHED FLOOR

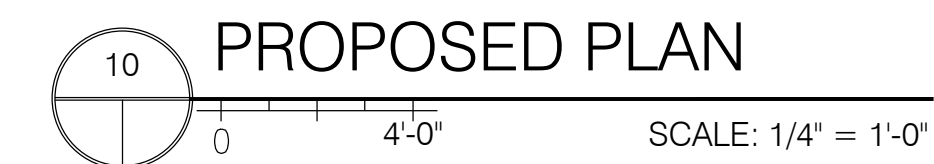
EXISTING DOOR TO BE REMOVED AND REPLACED WITH 90 MINUTE RATED FIRE DOOR WITH CLOSER

STAIR CONSTRUCTED OF 1X WOOD TREADS W/ RUBBER STAIR TREADS AND (3) 2X12 STRINGERS
 7 RISERS @ 7.14\" = 4'-2\" TOTAL VERT
 6 TREADS @ 11\" = 5'-6\" TOTAL HORZ
 1-1/2\" WOOD RAILING MOUNTED 3'-0\" ABOVE SURFACE OF STAIRS - TYPICAL



WEATHERPROOF WALL GRILLE LOCATED UNDER BUILT UP FLOOR W/ A MIN. NET FREE AREA OF .303 SF

EXISTING ENTRANCE, STAIRS, RAILING AND DOORS TO REMAIN, AND NOT REQUIRED FOR EGRESS OF CLASSROOM SPACE.



KEY

- ← EXIT
- TRAVEL DISTANCE PATH (DISTANCE LABELED ON PATH)
- P PULL STATION
- HORN/STROBE
- ◇ EXISTING 16\" WALL OF CONCRETE MASONRY UNITS (FUNCTIONS AS 'FIRE WALL')
- ⊙ EXIT SIGN
- ⚡ EMERGENCY LIGHTING

Code Summary:	Existing	Proposed
IBC Use	B (Assemb. under 50)	B (Assemb. under 50)
NFPA 101 Use	Business	Business
Sprinkler	None	None
Fire separation of uses	N/A	2 hr
Building footprint:	6981sf	6981sf
Area of work:	N/A	1118sf
Net area of classroom:	290sf	965sf

- IBC**
- 303.1 Assembly under 50 occupants: Group B
 - 304.1 Business Group B: Religious Classroom
 - 410.4 If storage occurs under platform, underside must be 1-hour rated
 - 503 Group B Type VB 9,000sf 2 stories 40' High
 - 503.1 Buildings separated by fire walls shall be considered separate buildings.
 - 601 No ratings required for Type VB
 - 706.2 Fire wall shall be independently structurally stable
 - 706.3 Fire walls shall be non-combustible materials
 - 706.4 Uses A & B type VB 2-hour rated fire wall
 - 706.5 No 18\" horizontal extension of fire wall required by Exception 2 and existing metal siding.
 - 706.6 Exception 4: To be followed on the renovation side of the fire wall. The roof sheathing or deck is constructed of fire-retardant-treated wood for a distance of 4 feet (1220 mm) on both sides of the wall or the roof is protected with 5/8-inch (15.9 mm) Type X gypsum board directly beneath the underside of the roof sheathing or deck, supported by a minimum of 2-inch (51 mm) nominal ledgers attached to the sides of the roof framing members for a minimum distance of 4 feet (1220 mm) on both sides of the fire wall.
 - 715.4 90 minute door required in 2-hour fire wall
 - 903.2 No sprinkler required for Group B
 - 907.2.2 No fire alarm required for Group B
 - 1004.1.1 Classroom 965sf 20 net 49 occupants
 - 1005.1 Min egress width of stairs: 9.8\"
 - 1014.3 Max common path of egress travel: 75'
 - 1015.1 (1) exit is permitted for Group B, 49 occupants, less than 75' common path
 - 1016.1 Max exit access travel distance: 200'
 - 1021.2 (1) exit is permitted for Group B, 49 occupants, less than 75' common path

- NFPA 101**
- 3.3.32.5 New Building
 - 6.1.11 Use: Business (assembly under 50)
 - 6.2.2.3 Ordinary Hazard of Contents
 - 7.3.1.2 Occupant Load:
 Classroom 965sf 20 net 49 occupants
 - 8.2.1.3 Renovated portion of building is separated from the rest of the existing building by 2-hour fire wall. Buildings are considered separately.
 - 38.1.6 No minimum construction requirements
 - 38.2.4.3 Single egress exit is permitted